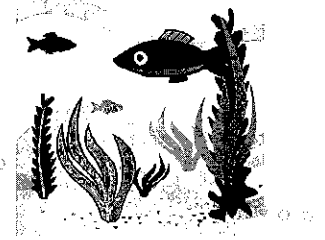


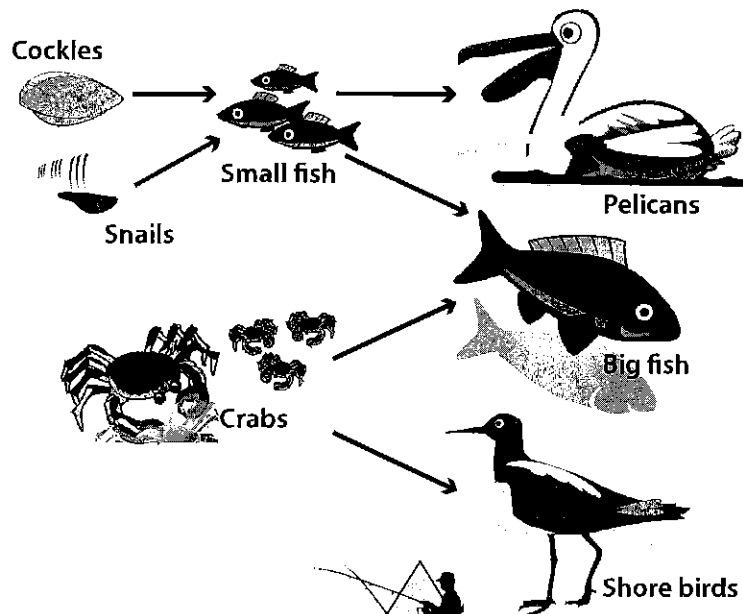
# Trophic interactions



## Predator/prey relationships

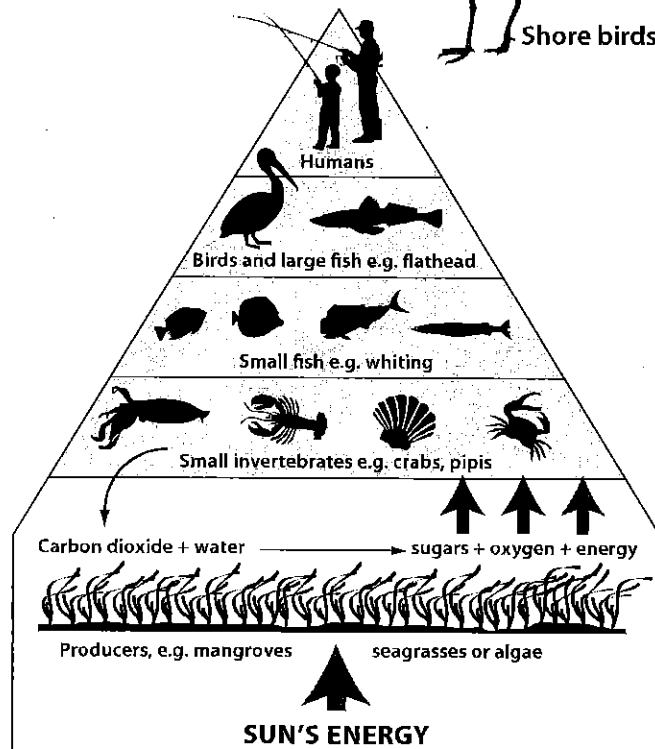
Trophic interactions are feeding relationships between organisms. There is a one-way flow of energy between predator and prey as shown in the diagram.

Prey → eaten by → Predator



## Biomass pyramids

Energy from the sun is trapped by plants and transferred to other organisms. At each trophic level, some energy is lost through respiration. As a result, there is a reduction in biomass (living matter) at each trophic level. This reduction in biomass can be represented by a biomass pyramid.



# Food Chains (senior)

## Predator/prey relationships

Refer to the fact sheet entitled "Trophic interactions". In the table below show the predator/prey relationships within an estuary by adding examples from an estuary food chain.

Predator	Prey (eaten by predator)
<i>Shore birds</i>	<i>cockles</i>

## Biomass Pyramids

Write the names of organisms at each level of the biomass pyramid.

